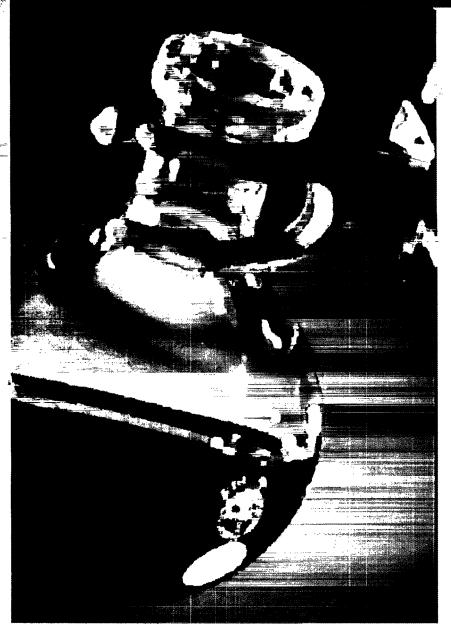
Register today for Early Bird Savings



February 27-29, 2000 Albuquerque, New Mexico

A two-day workshop focusing on Inorganic Contaminants including Arsenic, Perchlorate, Radon, and the related regulations that affect you

Sponsored by:



American Water Works Association

Dedicated to Safe Drinking Water

and



Co-Sponsored by:

the United States Environmental Protection Agency

BORGARIE ECETAMISATES Workshap



Inorganic contaminants are a significant challenge for utilities throughout the United States, particularly in the West and Southwest. Recent research has uncovered more effective ways of treating for inorganics that can make your life a lot easier. AWWA's Inorganic Contaminants Workshop is your chance to find out how the latest research applies to your utility.

Make sure you're ready for lower MCLs and the next wave of regulations. Join researchers, academicians, and your colleagues from across North America for a two-day workshop focused entirely on helping you cope with inorganic contaminants. This is your chance to meet, interact, and network with the people actually doing the research. Get advice on the problems you're having at your utility; find out how you can prepare for the next wave of regulations, get the scoop on what USEPA is planning.

An expert planning committee:

Michael McPhee, co-chair Environmental Engineering & Technology Inc.

Jeffrey Nash, co-chair CH2M Hill

Gary Amy

University of Colorado

Kenneth Carlson

CH2M Hill

Steven Duranceau

Boyle Engineering Corp.

Nancy Kinner

University of New Hampshire

Thomas Sorg

USEPA

Take a look at the program; you'll see that sessions are moderated by experts from the workshop-planning committee and cover the issues that affect you. Register today.

Preliminary Program

Presentation topics or speakers may change

SUNDAY, FEBRUARY 27

Reception, Poster Presentations and Tabletop exhibits

(included with registration fee) 5:00 p.m.–6:30 p.m.

MONDAY, FEBRUARY 28

Opening General Session

8:30 a.m.-10:15 a.m.

Moderator: Steve Duranceau

- 1. Welcome

 Jeff Nash, Mike MacPhee,

 Planning Committee Co-chairs
- 2. New Mexico State Perspective Robert Gallegos, Drinking Water Administrator, State of New Mexico
- 3. Inorganic Contaminant Regulations Steve Clark, USEPA
- 4. USEPA's Proposed Arsenic Regulation *Amit Kapadia*, USEPA

10:15-10:30 a.m. Break

Arsenic Speciation and Oxidation

10:30 a.m.–12 noon Moderator: *Tom Sorg*

- 1. Arsenic Speciation Methods Dennis Clifford, University of Houston
- Oxidation of Arsenic III in Natural Waters by Aeration Jerry Lowry, Lowry Engineering
- 3. Arsenic III Oxidation by Chemical
 Oxidants, UV and a Solid Oxidizing
 Media
 Ganesh Grurye, University of
 Houston, Dennis Clifford

Bromide/Bromate

10:30 a.m.–12:00 noon Moderator: *Mike MacPhee*

- 1. Bromine Formation and Reaction Paul Westerhoff, Arizona State University
- 2. Bromide Ion Incorporation Into Brominated Disinfection By-products Jinsik Sohn, University of Colorado, Gary Amy

3. Optimization of Bromate Formation and Cryptosporidium Control in Drinking Water Jaehong Kim, University of Illinois at Urbana-Champaign, Mark Urban, Shinya Echigo, Roger Minear, Benito Marinas

12:00-1:30 p.m. Lunch

Arsenic

1:30 p.m.-5:00 p.m. Moderator: *Gary Amy*

- 1. Arsenic Occurrence Issues and Treatment Decisions From a State Perspective Larry Scanlan, State of Utah
- 2. Implementation of the Arsenic Rule in New Hampshire *Bernie Lucey,* State of New Hampshire
- 3. Impact of the New Arsenic Regulation on the City of Albuquerque John Stomp, City of Albuquerque, Mark Schmidt, Joseph Chwirka

3:00-3:30 p.m. Break

- 4. Development of Arsenic Treatment, Compliance and Planning Strategies for the City of Phoenix. Ramesh Narasimharn, Narasimharn Consulting Services, Laxman Devkota, Robert Hollander
- 5. Centrally Managed POU/POE Option for Compliance With the Arsenic Regulation Jeff Kempic, USEPA
- 6. Potential Arsenic Problems Related to Groundwater Disinfection Steve H. Reiber, HDR Engineering

Perchlorate Treatment for Drinking Water (AWWA Research Foundation)

1:30 p.m.-5:00 p.m.

Moderator: Frank J. Blaha

1. Removal of Perchlorate in Biologically Active Carbon Adsorption Systems Jess Brown, University of Illinois at Urbana, Vern Snoeyink, Sun Liang

- 2. Treatability of Perchlorate in Groundwater Using Ion Exchange Technology Anthony R. Tripp, Dennis Clifford, University of Houston
- 3. Effect of Zeta Potential on Perchlorate Rejection by Negatively Charged and Non-Charged Nanofiltration (NF) and Ultrafiltration (UF) Membranes Yeomin Yoon, University of Colorado at Boulder, Gary Amy, Sun Liang, John Pellegrino
- 4. Designing Systems to Biologically Treat Perchlorate-Contaminated Water Bruce Logan, K. Kim, J. Miller, D. La Point, Pennsylvania State University
- 5. Autohydrogenotrophic Perchlorate Reduction Bruce Rittmann, Northwestern University, Robert Nerenberg
- 6. Perchlorate Control With Tailored GAC, Chemical Regeneration, and Thermal Reactivation/Destruction *Fred Cannon*, Pennsylvania State University

5:00–6:30 p.m. Reception (included with registration fee)

TUESDAY, FEBRUARY 29

Radon

8:00 a.m.–11:15 a.m. Moderator: *Nancy Kinner*

- Cross-Media Considerations in Implementing Radon Removal Technologies Joseph Drago, Kennedy/Jenks Consultants
- 2. Indoor Air Treatment of Radon-Multimedia Mitigation Richard Sextro, Lawrence Berkeley Lab
- 3. Does GAC Have a Role in Treating Radon in Water?

 Nancy McTigue, Environmental Engineering & Technology, Dave Cornwell, Nancy Kinner

9:30-9:45 a.m. Break

4. Title to be determined Dave Huber, USEPA OGDW





- 5. Radium Removal for Potable Water Supplies by Ion Exchange and Electrodialysis Reversal Kevin Dixon, New Jersey American Water Works, William Suchodolski, Andrew Why, Carol Storms, Judith Lorimer, Gary Coleman, Kevin Brown, Ken Christy, Eva Ibrahim
- 6. Indications of State Participation in the Multimedia Mitigation Program for Radon Robert Raucher, Stratus Consulting

Arsenic Treatment

8:00 a.m.–11:15 a.m. Moderator: *Tom Sorg*

- 1. Arsenic Removal by Full Scale Conventional Water Treatment Systems Keith Fields, Battelle, Tom Sorg, Abraham Chen, Lili Wang
- Arsenic Removal Studies and the Design of a 20,000 m³/d Plant in the UK John Simms, John Shaw, Severn Trent Water
- 3. Arsenic Removal by Full-Scale Ion Exchange and Activated Alumina Water Treatment Systems Lili Wang, Battelle, Tom Sorg, Abraham Chen, Keith Fields

9:30-9:45 a.m. Break

- 4. New Development in Arsenic Adsorption Technology for Potable Drinking Water Applications *Greg Gilles, PEI, Inc., B.E. Kemper, E. Mintz*
- 5. Identification of Key Parameters
 Influencing the Treatment of Arsenic
 in Drinking Water via Membrane
 Technology
 Philip Brandhuber, University of
 Colorado, Gary Amy
- 6. Evaluation of Three Arsenic
 Treatment Technologies for
 Albuquerque, New Mexico
 Joseph D. Chwirka, CH2M Hill, Ken
 Carlson, Jerry Lowry, Bruce Thomson,
 James Lozier

11:15-11:30 a.m. Break

Chlorine Dioxide/Chlorite

11:30 a.m.-1:00 p.m. Moderator: Ken Carlson

- 1. Impact of Chlorine in the Generation of Chlorine Dioxide on Disinfection Byproduct Doug Rittman, El Paso Water Utilities
- 2. The Importance of Purity for Controlling Chlorine Dioxide Byproducts

 Aaron Roseenblatt, CDG Technology Inc.
- 3. The Impact of Ferrous Reduction of Chlorite on Overall Process Performance

 Rich Henderson, Colorado State
 University

Potpourri

11:30 a.m.–1:00 p.m. Moderator: *Jeff Nash*

- Chemical Reduction of Oxo-Anions From Drinking Water by Zer Valent Iron Paul Westerhoff, Arizona State University
- 2. A Case History of Nitrate Control Through Watershed Management Mark Johnson, Illinois-American Water Company
- 3. Influence of Inorganic, Anionic Ligands on Coagulation: Particle, NOM, and Ligand Removal Gary C. Schafran, Old Dominion University, P. Pommerank, R. Cushing, P. McGlothlin, M. Hotaling, R. Hawkins

1:00 p.m.-2:00 p.m. Lunch (on your own)

Arsenic in Drinking Water—A New Mexico Perspective

2:00 p.m.–5:00 p.m. Moderator: *John Stomp*

- 1. Summary of the NM Environment
 Department's Perspective on Arsenic
 in Drinking Water
 Peter Maggiore, New Mexico
 Environment Department (invited)
- -2. The Impact of the Arsenic MCL on Public Water Systems in New Mexico Steven Wust, New Mexico Environment Department

- 3. The Toxicology and Epidemiology of Arsenic: New Mexico's Experience *Floyd Frost,* Lovelace Scientific Research Institute
- 4. New Developments in Arsenic Treatment Technologies *Tom Sorg*, USEPA
- 5. Removal of Arsenic from Drinking Water: Current State of the Art *Joe Chwirka*, CH2M Hill
- 6. Experience with Point-Of-Use Treatment Systems for Arsenic Removal Bruce Thomson, University of New Mexico

Poster Presentations

Posters will be on display:
Sunday, February 27
5:00 p.m.-6:30 p.m.
Monday, February 28
8:30 a.m.-6:30 p.m.;
authors available 12:30–1:30 p.m.
and 5:00–6:30 p.m.
Tuesday, February 29
8:30 a.m.-11:30 a.m.

- Arsenic Remediation of Pezzi Well via Adsorption Will Raymond, Sierra Pacific Power Company
- 2. A Novel Adsorbent for As Removal *Yujung Chang*, HDR Engineering
- Removal of Metals and Radionuclides
 Using Apatite and Other Natural
 Sorbents
 Bruce Thomson, University of New
 Mexico
- 4. Monroe Manages Mercury: A Unique Solution to a Unique Problem Mark A. Carlson, CH2M Hill
- Lessons Learned From Lead and Copper Monitoring David Quinones, San Francisco PUC
- 6. A Simple Modification of Cation-Exchange Softening Process for Ammonium Ion Removal Farida S. Goderya, Farnsworth & Wylie
- 7. Coagulation for Fluoride Control: Feasibility, Confirmation, and Implementation

 Patricia L. McGlothlin, City of Colorado Springs

- 8. Removal of Hydrogen Sulfide from Groundwater Steven J. Duranceau, Boyle Engineering Corp.
- EnChem™: A New Low-Pressure and High-Flow Arsenic Removal System for Industrial and Potable Water Josh H. Golden, Microbar Inc.
- 10. Utility of an Insoluble, On-Demand Oxidant for Analysis and Removal of Arsenic in Drinking Water *Timothy J. Badger*, Affiniti Water Technologies, Eugene P. Bergemann, Paul K. Smith
- 11. Manganese: A Seasonal Water Nightmare in Raton, New Mexico *Daniel M. Campbell*, Raton Water Works
- 12. Arsenic Adsorption Using Media G2-Bench Testing to Full-scale *Eric Winchester,* ADI International, Inc.

Poster presentations are still available-call Clare Haas at (303) 347-6199 for more information.

Tabletop Exhibits

The American Water Works Association is pleased to offer tabletop display space at its 2000 Inorganic Contaminants Workshop.

The tabletop display will be held as follows:

Sunday, February 27
5:00 p.m.-6:30 p.m.
Staffed during reception
Monday, February 28
8:00 a.m.-6:00 p.m.
Staffed during breaks, lunch, and reception
Tuesday, February 29
8:00 a.m.-11:30 a.m.
Staffed during breaks

Companies interested in exhibiting should contact Tima Anderson at (303) 347-6190.

Registration Information

Full workshop registrations include:

- Sessions on Monday and Tuesday
- Lunch on Monday
- Receptions on Sunday and Monday
- One copy of the workshop notebook





To register please complete the registration form in this announcement and mail it with full payment (check or credit card) to:

AWWA Inorganics Workshop 6666 West Quincy Avenue Denver, CO 80235 FAX: (303) 794-3951

A confirmation will be mailed to all registrants. Cancellations and requests for refunds should be sent to AWWA and must be in writing.

The workshop registration desk will be open:

Sunday 2:00 p.m.–5:00 p.m. Monday 7:30 a.m.–5:00 p.m. Tuesday 7:30 a.m.–1:00 p.m.

Hotel Reservations and Rates

A block of rooms has been reserved for workshop attendees at:

Wyndham Albuquerque Hotel 2910 Yale Boulevard SE Albuquerque, NM 87106

Mention the AWWA Inorganics Workshop to receive the discounted rate of \$95.00 single/double occupancy. The hotel is conveniently located near the Albuquerque International Airport. Guests will enjoy spectacular views of the Sandia Mountains and the lights of Albuquerque. The deadline for guaranteed hotel reservations is January 30, 2000.

Airline Information:

Special airfares are available to workshop attendees. Attendees can book reservations through AWWA's official travel agency, TG World Wide, or through United, American, or Delta airlines directly.

Additional Discount! United, Delta, and American airlines are offering an additional discount to meeting attendees if they book and ticket at least 60 days in advance of their contracted travel dates. You can receive 10% off the lowest applicable fare or 15% off the unrestricted coach fare.

For more details, contact TG World Wide or the airlines directly.

To make airline or rental car reservations through TG World Wide call 1-800-411-9997 (in Colorado call (303) 799-4112) and ask for Amy Schantz. TG World Wide will obtain the lowest fare available in the Albuquerque market. The office is open Monday through Friday from 7:30 a.m.–5:30 p.m. Mountain Daylight Time.

You may also call the airlines directly: **United Airlines:**

Call 1-800-521-4041 daily from 7:00 a.m. to 11:00 p.m. Eastern Daylight Time. Refer to AWWA Meeting Code No. 573HK.

Delta Air Lines:

Call 1-800-241-6760 daily from 8:00 a.m. to 11:00 p.m. Eastern Daylight Time. Refer to AWWA File No. 134083A.

American Airlines:

Call 1-800-433-1790 daily from 7:30 a.m. to 12 midnight Central Daylight Time. Refer to AWWA Star No. 12322

Student Registration

Student registrations cost \$50 and include admission to all technical sessions and meetings, lunch, receptions, and a copy of the workshop notebook. Only full-time students may use this special rate; students must include a letter from their college or university declaring their full-time student status with their registration form.

Workshop Materials

All workshop registrants and students will receive one copy of the workshop notebook that includes program information and extended abstracts.

Transportation

The hotel offers free 24-hour airport shuttle service from the airport to the Wyndham Albuquerque Hotel.

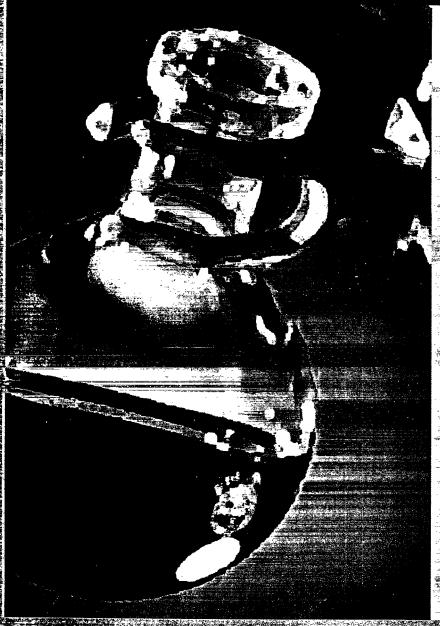


REGISTRATION/HOUSING RESERVATION FORM

AWWA Inorganic Contaminants Workshop • February 27-29, 2000 • Albuquerque, New Mexico

5: 500.01000			ــــــــــــــــــــــــــــــــــــــ			1			ـــِــــــــــــــــــــــــــــــــــ				Щ.							
First Name (FOR BADGE)	11	_1	LL	_ 1	M.I. LI	Last N	ame 11		L	٠.	11_	Ĺ	_i_				<u> </u>	<u> </u>	1	
Title			, ,	,							, ,				,					
Company or Organization			ــــــــــــــــــــــــــــــــــــــ								11_					٠-				
Mailing Address		i	للل	L					<u>ــــــــــــــــــــــــــــــــــــ</u>								Ц.			لــــا
Maning Address	11_		1	1				L		<u>ا</u>						1			L	لــــا
City								State	/Prov.		Zip/Post	al Code							Co	intry
Telephone		!			<u> </u>		<u></u>		J - I			<u></u>					-	~		
				L							<u></u>								ـــــــــــــــــــــــــــــــــــ	لـــــــا
E-mail																				
Name of Registered Spouse/Gue	št																			
☐ Check here if you have a disa	bility and may	require sp	pecial acc	ommodatio	n to full	ly participat	e. You will	be conta	acted b	oy AWV	lΑ.									-
BUSINESS AND INDUSTRY Pleas A. Public Water Supply Utility—In B. Public Water Supply Utility—Ir C. Governmental—Federal, State D. Consultant E. Contractor	lunicipally Owr vestor Owned	ned	F. Pr G. M Ir H. D	ivate Indus Ianufacture Icluding Re	trial Sys er of Equ present of Equip	stems or Wa uipment & S	Supplies,	_			I. Educa Other J. Fully K. Rese L. Other	Related Retired arch Lab	Organ			nd Stud	ients, L	ibraries	s, and	
REGISTRATION Check the iter	ns below fo	or which	you ar	e registe	ring.—								P	ECISTR	АПОП	FEEG				
											Me	- mber regi					ber & Me	ember re	egistering	
												January	30, 20	00		on or a	ifter Jan	uary 31,	, 2000	
☐ A. Full Conference (includes ☐ B. Monday Only (includes lur ☐ C. Tuesday Only ☐ D. Student Extra Cost	ch and evenin	g reception	on)						* * * * * * * * * * * * * * * * * * *				195 100 50		÷ .	·	2	395 295 150 50		-
☐ B. Monday Only (includes lur ☐ C. Tuesday Only	Sunday recept ich and evenin	g reception	on)				····		*****				195 100		÷		2	95 50		·= .
□ B. Monday Only (includes lur □ C. Tuesday Only	Sunday recept ich and evenin	g reception	on)				····		*****				195 100 50			Tota	. 1	95 50 50 25	· · · · · · · · · · · · · · · · · · ·	 -
□ B. Monday Only (includes lur □ C. Tuesday Only	Sunday recept ich and evenin	g reception	on)				····		*****	C	Tol	al \$	195 100 50 25 30	or Pof	oro. 2		1 \$	295 50 50 25 30	ivo foe	
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT istration forms MUST be accompanied Personal Check Company Ch	Sunday recept chand evening the second secon	or a pho	on)	purchase AWWA in	order.		····		*****	C	Tol ANCELLA anuary educte	al \$ TION PO 30, 20	25 30 LICY 000 c	nd for	regis	25% a	admin	e95 50 50 25 30 nistrat	tion. T	
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT istration forms MUST be accompanied Personal Check MasterCard American Expres	Sunday recept ch and evening the characteristic control of the characteristic cha	or a pho	otocopy of ayable to 3 Diners (purchase AWWA in Club E	order. J.S. fund		····		*****	c J d	Tol ANCELLA anuary educte ne cuto	al \$ TION PO 30, 20 I from f date	195 100 50 25 30 LLICY 000 c reful	nd for Idvan	regis ce reg	25% a stratio	admin on car	e95 50 50 25 30 nistrat ncella	tion. T }.	his is
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT istration forms MUST be accompanied Personal Check Company Ch MasterCard American Expres	Sunday recept ch and evening the characteristic control of the characteristic cha	or a pho	otocopy of ayable to 3 Diners (purchase AWWA in Club E	order. J.S. fund	ds.	····		*****	C J d	ANCELLA anuary educte ne cuto anuary	al \$ 1000 PO 30, 20 1 from 1 date 31, 20	195 100 50 25 30 LLCY 000 c reful	nd for Idvand or Afte	regis ce reg er: No	25% a stratio gistra o refu	admin on car	e95 50 50 25 30 nistrat ncella	tion. T }.	his is
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT ilstration forms MUST be accompanied Personal Check MasterCard American Expres	Sunday recept ch and evening the characteristics with payment eck. Make s	or a pho	otocopy of ayable to	purchase AWWA in Club E	order. J.S. fund	ds.	····		*****	c J d tt	ANCELLA anuary educte ne cuto anuary ancella	al \$ TION PO 30, 20 I from f date 31, 20 tion. H	195 100 50 25 30 LICY 000 c reful for a	nd for idvand or Afte ver, su	regis ce reg er: No	25% a stratio gistra o refu	admin on car	e95 50 50 25 30 nistrat ncella	tion. T }.	his is
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT instration forms MUST be accompanied Personal Check Company Check Company Check American Express dit Card No. Inature Dusing Reservations (Please check)	Sunday recept ch and evening the character cha	or a pho checks p	otocopy of bayable to 3 Diners (purchase AWWA in Club [order. J.S. fund ☐ P.O. Expira	ds.			*****	C J J d tl - J C C r	ANCELLA anuary educte ne cuto anuary	mon po 30, 20 1 from f date 31, 20 tion. H	25 30 25 30 25 30 25 30 25 30 20 70 60 60 60 60 60 60 60 60 60 60 60 60 60	nd for advand or Afte ver, su come.	regis ce reg er: No bstitu	25% a stratio gistra o refu	2 1 1 s admin	e95 50 50 25 30 nistrat ncella	tion. T }.	his is
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT instration forms MUST be accompanied Personal Check Company Ch MasterCard American Expres dit Card No. nature Dusing Reservations (Please ch tel Single (1 bed/1 person): \$55 val Date	Sunday recept ch and evening with payment eck Make s USS	or a pho checks p A	otocopy of hayable to a Diners (purchase AWWA in I Club [order. J.S. fundamental process for the control of	ds. ation Date_ + 10.56%	tax		*****	C J J d tl - J C C r	ANCELLA anuary educte ne cuto anuary ancella egistrar call 800	al \$ TION PO 30, 20 1 from ff date 31, 20 tition. He ts are -926-	195 100 50 25 30 25 30 000 c reful for a 000 c welc welc	nd for advance or After er, su come. ' for s	regis ce reç er: No bstitu	25% astration	admin cartion punds v	ess 50 50 25 30 25 30 4 4 4 5 6 7 6 7 7 7 8 7 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9	tion, T }. e gran	his is
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT ristration forms MUST be accompanied Personal Check Company Ch	Sunday recept ch and evening with payment eck Make s USS	or a pho checks p A	otocopy of hayable to a Diners (purchase AWWA in I Club [order. J.S. fundamental process for the control of	ds. ation Date_ + 10.56%	tax		*****	c J J d d ti	ANCELLA anuary educte ne cuto anuary ancella egistrar call 800	al \$ TION PO 30, 20 1 from f date 31, 20 tion. Hets are -926-	195 100 50 25 30 25 30 25 30 000 c refur for a 000 c owev welc	nd for advand or After er, su come. ' for s	regis ce reg er: No bstitu ubstitu erence	25% a stration gistration tetution	admin partition	25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30	tion. T	ted for
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT pistration forms MUST be accompanied Personal Check Company Ch MasterCard American Expres dit Card No. nature DUSING Reservations (Please ch ival Date Dommate name (if applicable) POSIT REQUIRED: All rooms require a ervation will not be processed. Your ca ival date. Do NOT SEND ROOM DEPOS	with payment eck Make s Vis eck required + 10.56% ta	or a pho checks p A room ty x Departue	on) otocopy of layable to a Diners (pe.) ouble (1 bure Date f one night	purchase AWWA in Club [Club [Club] Club] Club [Club] Club] Club [Club] Club] Clu	order. J.S. fund P.O. Expira e): \$95	ds. ation Date _ + 10.56%	tax ationis recancel 72 h	julred or	your	c J J d d ti	ANCELLA anuary educte ne cuto anuary ancella egistrar call 800	al \$ TION PO 30, 2C 1 from f date 31, 2C tion. He ts are -926- AW 660	25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 40 40 40 40 40 40 40 40 40 40 40 40 40	nd for advance or After er, successed. for some. confer confer full particular	regis ce regis er: No bstitu ubstitu erence payme	25% a stration of the control of the	admin pon caratition punds v	25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30	tion. T	ted fo
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost E. Spouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT inistration forms MUST be accompanied Personal Check Company Ch MasterCard American Expres dit Card No. nature DUSING Reservations (Please ch val Date Demmate name (if applicable) POSIT REQUIRED: All rooms require a ervation will not be processed. Your ca val date. DO NOT SEND ROOM DEPOS hours prior to the day of scheduled are	Sunday recept ch and evening with payment eck Make s VIS eck required + 10.56% ta deposit in the additional to the control of	or a pho checks p A room ty x Departu amount o' ted by the AWWA. F	on) otocopy of ayable to a Diners (pe.) ouble (1 bure Date f one night hotel if y. Refunds w.	purchase AWWA in Club [Club Club	order. J.S. fund P.O. Expira Expira Credit do-show of anylor or	ds. + 10.56% card informor do not con cancellation	tax tax autionis recancel 72 h on request	julred or ours prios s receive	your	c J J d d ti	ANCELLA anuary educte ne cuto anuary ancella egistrar call 800	al \$ TION PO 30, 20 1 from ff date 31, 20 tion. He ts are -926- AW 660 De	25 30 25 30 25 30 25 30 25 30 25 27 27 27 27 27 27 27 27 27 27 27 27 27	nd for advance or After, successive, successive, come. ' for seconfer a full particular full (norgan).	regis ce reger: No ebstitu substitu erence paymo anics h	25% a stration of the control of the	admin pon caratition punds v	25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30	tion. T	ted fo
B. Monday Only (includes lur C. Tuesday Only D. Student Extra Cost Expouse/Guest F. Monday Lunch (at \$30 ear THOD OF REGISTRATION PAYMENT pistration forms MUST be accompanied Personal Check Company Ch MasterCard American Expres dit Card No. nature DUSING Reservations (Please ch itel Single (1 bed/1 person): \$95 ival Date	with payment eck Make s Viseck required + 10.56% tadeposit in the dwill be debit IT CHECKS TO ival.	or a pho checks p A room ty x Departu amount of ted by the i	on) otocopy of hayable to a Diners (public (1 but of the Date) f one night hotel if y. Refunds w.	purchase AWWA in Club E	order. J.S. fund P.O. Expira Expira Credit oshow or	ds. + 10.56% card informor do not can cancellati	tax tax autionis recancel 72 h on request	julred or ours prios s receive	your	c J J d d ti	ANCELLA anuary educte ne cuto anuary ancella egistrar call 800	al \$ TION PO 30, 20 1 from ff date 31, 20 tion. He ts are -926- AW 660 De	25 30 25 30 25 30 25 30 25 30 25 27 27 27 27 27 27 27 27 27 27 27 27 27	nd for advance or After, successive, successive, come. ' for seconfer a full particular full (norgan).	regis ce regis er: No bstitu ubstitu erence payme	25% a stration of the control of the	admin pon caratition punds v	25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 25 30 30 30 30 30 30 30 30 30 30 30 30 30	tion. T	ted fo

Register today for Early Bird Savings



February 27-29, 2000 Albuquerque, New Mexico

A two-day workshop focusing on Inorganic Contaminants including Arsenic, Perchlorate, Radon, and the related regulations that affect you

Sponsored by:



American Water Works Association

Dedicated to Safe Dilinking Water

and



awwa Research Foundation

Advancing the Science of Water®

Co-Sponsored by:the United States
Environmental Protection Agency

American Water Works Association

Dedicated to Safe Drinking Water

6666 West Quincy Avenue • Denver, CO 80235

NON-PROFIT ORG. U.S. POSTAGE PAID DENVER, CO Permit No. 1180